

**What is claimed is:**

1. A pad coupled to a tree shaking apparatus, between the apparatus and the trunk of a tree to be shaken, said pad comprising:
- a pair of opposing end sections, each defining a bore extending longitudinally therethrough, and adapted to receive a mounting member coupled to the tree shaker, and
  - a resilient polymeric web extending between and coupled to said end sections, said web defining a first surface for engaging said tree trunk.

2. A pad as defined by claim 1 wherein said bores are approximately parallel to each other.

3. A pad as defined by claim 1, wherein said web is fabricated from polyurethane.

4. A pad as defined by claim 1 wherein said end sections are fabricated from polyurethane.

5. A pad as defined by claim 1 wherein at least one aperture is positioned adjacent to each end section for providing strain relief in the pad during operation of the tree shaking apparatus.

6. A pad as defined by claim 1 wherein said end sections and said web are fabricated from polyethylene.

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a resilient polymeric web extending between and coupled to said end sections, said web defining a first surface for engaging said tree trunk; and wherein

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Figure 1. The effect of the concentration of the *Agrobacterium* strain on the transformation efficiency of *Agrobacterium* strain 101. The *Agrobacterium* strain 101 was cultured in the YEA medium for 24 h at 28°C. The cell concentration was adjusted to 1.0 × 10<sup>8</sup> cells/ml. The cell suspension was mixed with the cell suspension of the *Agrobacterium* strain 101 at the concentration of 1.0 × 10<sup>8</sup> cells/ml. The mixture was then transformed into the *Agrobacterium* strain 101. The transformation efficiency was determined by the number of transformants per 10<sup>8</sup> cells. The results are shown in the figure. The error bars represent the standard deviation.